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(72) Inventor: **KANAI TOSHIHITO**(54) **CHANNEL CHANGEOVER SYSTEM DURING TALKING FOR MOBILE COMMUNICATION SYSTEM**

changeover to the surrounding base station to a modulator 50. Thus, excellent talking quality is attained and the chattering is reduced.

(57) Abstract:

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PURPOSE: To decrease the deterioration in the talking quality and to reduce the chattering by varying a threshold level in response to a frequency in which a reception level crosses a level within a prescribed time.

CONSTITUTION: A threshold level detector 37 detects a median of a base station during connection inputted from a median detector 35 in terms of number of times when a reception waveform of a base station in connection stored in an instantaneous value memory 34 crosses at a positive slope and obtains a threshold level in response to the number of times of crossing from the relation between the crossing number of times and the threshold level shown in figure and inputs the result to a microprocessor 38. The microprocessor 38 compares an output of the threshold level detector 37 with a value subtracting a median of the reception level of the base station during connection from the median of the reception level of a surrounding base station stored in a median memory 36. As a result, when the former is larger than the latter, the microprocessor 38 sends a switching request signal to start the talking channel

